Television Engineering	SOV/1854	
Ch. 8. Power Supply For Television Equipment 8-1. Low-voltage stabilizers 8-2. High-voltage sources and their stabiliz 8-3. Current stabilizers 8-4. Frotection of the camera tube 8-5. Power supply for a camera-tripod motor		250 250 259 275 278 280
Bibliography AVAILABLE: Library of Congress	9 9	286
	JP/jmr 7-23-59	
ard 5/5		

SHEYFIS, Isaak Iosifovich; VARBANSKIY, A.M., otv. red.; VENGRENYUK, L.I., red.; CHURAKOVA, V.A., tekhn. red.

[Improvement of the quality indices of the video channels of television stations] Uluchshenie kachestvennykh pokazatelei videotrakta televizionnykh tsentrov. Moskva, Sviaz'izdat, 1963. 71 p.

(Television)

VARBANSKIY, Aleksandr Mikhaylovich; SAMOYLOV, V.F., retsenzent; KRIVOSHEYEV, M.I., ed.

[Television technology] Televizionnaia tekhnika. Izd.2., perer. i dop. Moskva, Izd-vo "Energiia," 1964. 543 p. (MIRA 17:6)

APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001858610008-4"

"APPROVED FOR RELEASE: 08/09/2001

CIA-RDP86-00513R001858610008-4

VANDLESC RUMANIA/Chemical Technology. Chemical Products and Their Application. Catalysts and Sorbents. H Abs Jour: Ref Zhur-Khim., No 10, 1959, 35513. Author : Zapan, M., Oprescu, G., and Varbiescu, E. Title : The Production of Cation-Exchange Resins from Wood Shavings (Sulfonated Wood Pulp) Orig Puh: Celuloza si Hirtie, 6, No 8, 278-288 (1957) (in Rumanian with German, English, French, and Russian summarics) Abstract: The sulfonation of wood shavings at 1500 for 7 hrs gives cation-exchange resins which are suitable for application in water softening installations. The capacity of the resins is about 2.5 mc Ca²⁺/ Card : 1/2

Abs Jour: Ref Zhur-Khim., No 10, 1959, 35513.

gram. -- From a surmary by the authors.

Cardq : 2/2

11-28

VARBIRO, B.; SZAVA, I.; KOCH, S.

Goiter endemic in children in Komlon. Oyermekgyogyaszat 4 no.10:314-316 Oct 1953. (CIML 25:5)

1. Doctor for Varbiro. 2. Komlo Municipal Council Pediatric Dispensary.

VARBIRO, Bela, dr.,; GYIMESINE, Remenyseg, Ilona, dr.

Therapeutic considerations on the epidemic of whooping cough during 1953. Orv. hetil. 96 no.7:186-190 13 Feb 55

1. A Komloi Tanacs Rendelointesete (igazgato Laczhegyi Laszlo dr.) Oyernekgyogyaszatanak (foorvos: Varbiro Bela dr.) koslemenye. (WHOOPING COUGH, therapy,)

VONOCZKY, Jozsef, dr.: VARBIRO, Bela, dr.

THE THE PARTY OF T

Energy requirements for infants with different body structures based on body surface area. Gyermekgyogyaszat 8 no.1-2:52-55

Jan-Feb 57.

1. Pecsi Orvostudomanyi Egyetem Gyermekklinikajanak (igazgato: dr. Kerpel-Fronius, Odon egyetemi tanar) es a Baranyamegyei Tanacs Rendelointezete. Pecs (igazgato: dr. Linka, Laszlo) Gyermekgyogyassatanak koslemenye.

(INFART NUTRITION

energy requirements, comparison of calculation methods based on body weight & body surface area (Hun))

VARBIRO, Bela, dr.; VONOCZKY, Jozsef, dr.

Simple method for the determination of the energy requirement of infants based on body surface area. Gyermekgyogyaszat 8 no. 1-2:55-59 Jan-Feb 57.

1. Pecsi Orvostudomanyi Egyetem Gyermekklinikajanak (Igazgato: dr. Kerpel-Fronius, Odon egyetemi tanar) es a Baranyamegyei Tanacs Rendelointezete Pecs (Igazgato: dr. Linka, Laszlo) Gyermekgyogyaszatanak kozlemenye.

(INFANT NUTRITION

energy requirements, simple method for calculation based on body surface area (Hun))

VARBIRO, Bela, dr.

Simple methods for the determination of some data for continuous drop infusions. Orv. hetil. 103 no.48:2287-2289 2 D '62.

1. Pecs Varosi Tanacs, Rendelointezet. (INFUSIONS, PARENTERAL)

HUR JORY

Vanillio, B., Dr. abulant Clinic of the City Council of Fees (Pees mj. Vancui Tanaca, Rendelcinteses).

"Mathematical Formula for the Determination of the "Ideal" Weight of the Injant Palated to Ics Length."

Budspest, Orvosi Hemilan, Vol 104, No 2, 15 Jan 65, pr 51-62.

Abstract: [Author's Hungarien summary] an empirical formula which allows the simple calculation of the "ideal" weight of the infant related to its length is derived. No references are given.

1/1

期間經濟時間發展的一個一個一個

3 7

"APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001858610008-4

VARBIRO, GY

Past and present organization of Lake Varosiliget. p. 36.
MELYEPITESTUDOMANYI SZEMLE. (Kozlekedesi Kiado) Budapest. Vol. o, no. 1, Jan 1956.

SOURCE: EEAL, Vol. 5, no. 7, July 1956.

VARBIRO, GY.

Past and present organization of Lake Varosliget. p. 39
MELYEPITFSTUDOMANYI SZEMLE. (Kozlekedesi Kiado) Budapest. Vol 6, no. 1, Jan 1956

SOURCE: EEAL, Vol 5, no. 7, July 1956

"APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001858610008-4

VARBIRO, GY.

Water regulation in the valley of the rivulet Rakos near Rakoscsata. p. 110. (Melyepitestudomanyi Szemle, Vol. 7, no. 1/3, Jan./Mar. 1957. Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 9, Sept. 1957. Uncl.

VARBOT, Zh.F., insh.; SHESTAKOV, B.I., insh.

Photoelectron devices for control of street lighting.

Inergetik 8 no.2:3-4 F '60. (MIRA 13:6)

(Street lighting)

VARBOT, Zh.F.; SHESTAKOV, B.I.

Circuits for the automatic switching-in of reserves at municipal street lighting transformer points. From. energ. 16 no.4:6-8

Ap '61.

(Electric power distribution)

(Stroot lighting)

"APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001858610008-4

VARCOK	Carl a	· G 2	ECH	Geological and par genetic relations of the orderite de- position of May both over Kramohorsa sectionals.					· · · · · · · · · · · · · · · · · · ·		
				-			-1_	CTV			
	জন ব্যক্তিবাদা ও পরিকার *										
			-								
			•								
	,										
W.											
		•				₹.					
											
				2							

VARCEK, C.

VARCEK, C. Contribution to the study of metallogenetic conditions in the southern portion of the Spis-Gemer ore mountains p.58.

Vol. 7, no. 1/2, 1956, GEOLOGICKY SBORNIK, BRATISLAVA, CZECHOSLOVAKIA.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 10, Oct. 1956.

VARCEK. C.

"Origin and occurance of albite in siderite veins in the envirious of Roznava."

OBOLOGICKE PRACE; ZPRAVI, Bratislava, Grecheslovakin, No. h., 1055.

Nonthly list of MAST MUROPLAN ACCESSIONS INDEX (MEAI), Library of Congress, Vol. 8, No. 8, Aurust, 1959.

Unclassified.

"APPROVED FOR RELEASE: 08/09/2001

CIA-RDP86-00513R001858610008-4

D.

CHATE, VARCEK, Cyril

CZECHOSLOVAKIA/Cosmochemistry - Geochemistry. Hydrochemistry.

1077 0000

Abs Jour : Ref Zhur - Khimiya, No 9, 1957, 30383

Author : Varcek Cyril

Inst : Title : Formation and Occurrence of Albite in Siderite Veins in

the Vicinity of Roznava.

Orig Pub : Geol. prace Zpravy, 1955, No 4, 86-92

Abst : On the basis of new field observations the author consi-

ders that, 1) formation of albite took place not later but prior to that of the main body of siderite, 2) genesis of albite is typically hydrothermal, 3) albite is found not only in the principal Bernardi vein, but also in other veins of the area, and moreover only in those which occur in porphyroids or near them. Thus the in-

flow of Na to the ore process occured exclusively from

the enclosing rocks.

Card 1/1

"APPROVED FOR RELEASE: 08/09/2001

CIA-RDP86-00513R001858610008-4

Czechoslovakia/ Cosmochemistry. Geochemistry. Hydrochemistry

D.

Abs Jour

Referat Zhur - Khimiya, No 4, 1957, 11517

Author

Varcek Cyril

Title

Study of the Southern Part of Spissko-Gemerski Ore Mountains

Orig Pub

Prispevok k poznaniu metalogenetickych pomerov v juznej casti Spissko-

gemerakeho rudohoria.

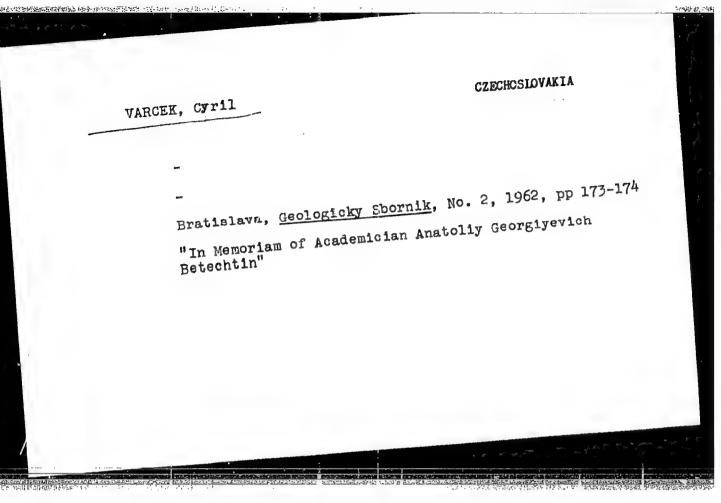
Geol. sbor., 1956, 7, No 1-2, 58-65 (Slovak; Russian and German summaries.

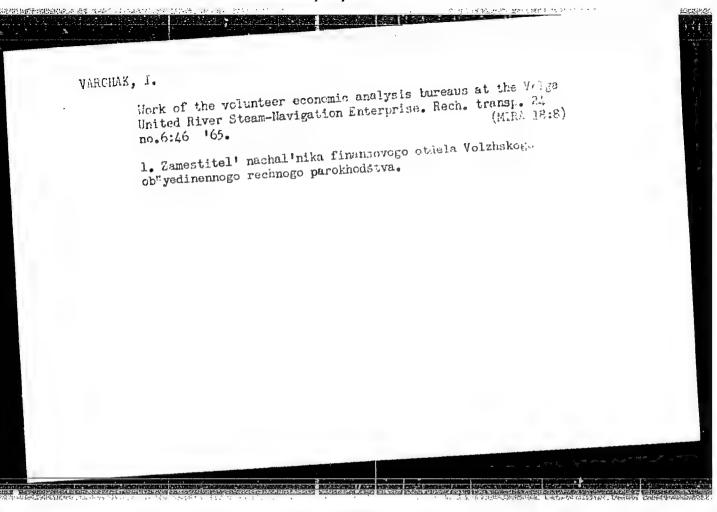
Abstract

In the district of the town of Rozhnyava occur sedimentary-metamorphic rocks of Cambro-Silurian and Carboniferous Period with bodies of volcanic rocks. Ore veins are encountered here in large number and are divided, by mineralogical composition, in 4 groups: 1) quartzic with sulfides and gold, 2) antimonial, 3) sideritic (quartzic, sulfidic, albitic, magnetitic and baritic) and 4) baritic. It is noted that in porphyroids the veins become albitic due to enrichment of ore-bearing solutions

with sodium from the enclosing rocks.

1/1





T See al employees	AFFROVED I	ON NELLASE:	00/09/2001	CIA-RDP80-	nnstsknntosodt	0000-
Security Was TE	3 152 January 2 1 MA, 13 13]
				10 /tM		-
TO THE RESIDENCE OF THE PARTY O		cop(w)/FWA(d)/T	/EMP(t) IJP(c SOURCE	100E+ 11R/0032/6	5/031/009/1133/113 50	5
22462-6	56 EWT (M)/	MI (W)	SOURCE	TODE: OIG CON	50	
CNR	AP6013576	_	- Tomobok	N. H.	49	
mr:an	Karasev. N.	A.; Morozov, V	. I.; Varchak,	ra - Amongo	nanics A	
THOR.	Naz de si	e of Radio Ele	etronics and Mi ki i gornoy ele	ning Electronic	P	
G: Mos	scow Institu	radioelektroni	ectronics and Mi lki i gornoy ele	Kflomeknern		
loskoval	kiy institut	* 64-	A saith or	mputer calculat	ion of strain	
rmIF .	Determinatio	n of residual s	stresses with co	m.P. a. a. a.		
age rea	dings					
		a hamatomista.	v. 31, no. 9, 1	965, 1133-1133		_
OURCE:	Zavodskaya	Taborator 23-1		stanin pape.	galvanometer, stee	1.,
	age comput.	er calculation,	stress analysi	8, Strain 600.	galvanometer, stee	
OPIC T	AGS: Compac	al hardening		magamii	ng of the	
ensile.	Stress, med	is described)	which allows cor er and from ther	tinuous records	ent of values	
BSTRAC	T: A method	f a galvanometo	er and from the	n deformation	f specimens	
changin	ig readings	s associated w	which allows cor er and from the ith the change ise of an "Era"	computer substar	itially in-	
nf resl	ronar agraga.	1 that 11	se of an "bro		Ol experi-	
under s	e accuracy o	the determina	tion and accien	tly dense. The	prane	-
	Clark Property and the same of					-
	AN STAUG VA		Language of Callielia	1 V 0 6 - 2 44	ea milling	
T	he changes o	trided and quer	iched specimens	a layer the ten	sile stresses	2
etchin	g or carbons	r 18 0.9 mm dee	nched specimens op in the surface	, u		
carpon	TRITION and					
Card 1	_/2					100
	The second second second second				nga mengangangan pa <mark>ak</mark> kanalah kempulan digunah palaungan penggangan penggan penggan	The second second

CIA-RDP86-00513R001858610008-4" APPROVED FOR RELEASE: 08/09/2001

"APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001858610008-4

22462-	1 D/ 03 2 576	ζ					16	. 1	
ecorded ensile s t a shot ate_was	are on the tresses of velocity increases, has:	ne order of change into y of 53.5 I i to 78.5 I 2 figures,	/sec the /sec the 6 formul	ir value stresse as, and	rose to s were in l table.	40 KG/mm ⁴ creased t [JPRS]	o 75 KG/mm ²	nute	
UB CODE:	11, 20	, 13, 09	/ SUBM I)ATE: no	ne / OR	IG REF:	003	•	
		,		•	. ,				
	4			•	•		•		
		الميان الميان	,				•	•	,
								•	
				•					
	. 1	••	•				•		
							•••		

"APPROVED FOR RELEASE: 08/09/2001 CIA-RDP8

CIA-RDP86-00513R001858610008-4

ANIKIN, M. M. and VARCHAVER, G. S.

Osnovy Fizioterapspii (Fundamental Physiotherapia), 698 p., Medgiz and Moscow, 1990.

"APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001858610008-4

CZECHOSLOVAKIA / Cosmochemistry, Gecchemistry. Hydrochemistry.

Abs Jour: Ref Zhur-Khimiya, No 21, 1958, 70404.

Varchek Author

: A Study on Paramagnetic Relationship in Gemera : Not given. Inst

Title Deposits.

Orig Pub: Geol. prace, SAV, 1957, No 46, 107 - 131.

Abstract: On the basis of experimental data and those found in literature as well as data from private communications, the hydrothermal ore deposits and the related Gemera granites were examined. Three regions are described, their common paragenesis character, source of ore formation and the role of the geological environment. The age of the ore formation: middle Trias-lower Miocene.

card 1/1

82467 3/112/60/000/006/014/032

Translation from: Referativnyy zhurnal, Elektrotekhnika, 1960, No. 6, p. 249

4,4812

A., Lupashko, Ye. A. Kandyba, V. V., Kutsyna, L. M., Varchenko, A.

AUTHORS: TITLE:

ADevice for Measuring the Flame Temperature by the Intensity of

Spectral Lines

Tr. Komis. po pirometrii pri Vses. n.-i. in-te metrol., 1958, PERIODICAL:

No. 1, pp. 69-76

An installation has been developed at KhGIMIP for measuring the temperature of flames, in particular, the flame of a gas turbine engine with a photoelectric photometer having a high threshold sensitivity thus the intensity of the "D" spectral line of sodium can be measured. To obtain a "saturation" that is the black radiation in the spectral range of 0.1-0.2 A at temperatures to 0.2,000 K, an addition of sodium to the flame of $\sim 10^{13}\text{-}10^{14}$ sodium atoms per 1 cm^3 to the flame is sufficient. This addition has practically no influence on the behavior of the flame. A concave longfocal diffraction grating is used in the installation. The mean square error of measuring a temperature of ~2,000 K

Card 1/2

82467 S/112/60/000/006/014/032

A Device for Measuring the Flame Temperature by the Intensity of Spectral Lines

is 1%. The Fabri-Pero (Fabrie-Perau?) standard can serve as a basis for a protable device measuring the temperature of a technical flame with a low background level. The optical circuit of the device consists of a condenser, color filter, lens with a stop, cutting out the central part of the interference pattern which enters the cathode of the photomultiplier of the photometer. A new optical system for measuring the flame temperature using a sodium resonance lamp is also proposed. The lamp has a special extension where sodium is placed, By regulating the temperature of the extension, the intensity of the resonant radiation is controlled. The calibrating curve of the lamp can be built either by using the Plank law or experimentally by the calibrated temperature lamp " (LT-3).

M. S. K.

Card 2/2

"APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001858610008-4

VARCHENKO, A. I.; AVER'YANOVA, V. N.; SOLOV'YEV, S. L.;

Some Investigations of Seismic Conditions of Tsunami Generation and Improvement of Equipment of Tsunami Warning System.

Report submitted for the 13th General Assembly, IUGG (Oceanography) Berkeley, California, 19-31 Aug 63.

VARCHENKO, Iven Petrovich.

Kiev Order of Labor Red Banner Med Inst imeni Bogomol'ts, Academic degree of Doctor of Med Sci based on his defense, 4 June 1954, in the Council of the Khar'kov State Med Inst, of his dissertation entitled: "Food Products as a Factor in Communicating Basic Geohelminths".

Academic degree and/or title: Doctor of Sciences

SO: Decisions of VAK, List no 7, 26 Mar 55, Byulleten¹
MVO SSSR, No. 14, July Moscow pp 4-22, Uncl.
JFRS/NY-429

"APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001858610008-4

R-2

USSR/Diseases of Farm Animals - Diseases Caused by Viruses and Rickettsiae.

: Ref Zhur - Biol., No 10, 1958, 45411 Abs Jour

Author

Varchenko, L.D.

Inst Title

: Industrial Processes of the Production of the Concentrated

Adsorbate-Vaccine Against Swine Erysipelas.

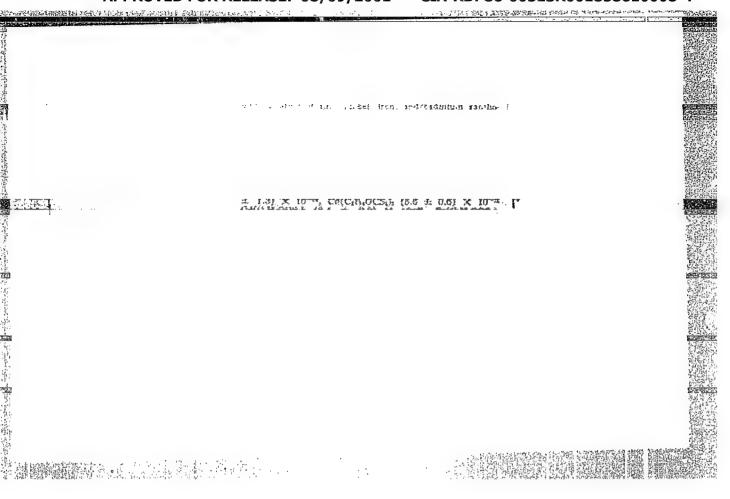
Orig Pub

: Inform. byul. biol. prom-sti, 1957, No 2, 15-16.

Abstract : No abstract.

Card 1/1

"APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001858610008-4



PILIPENKO, A.T.: VARCHENKO, T.P.: KUMELYA, Ye.S.; KOSTYSKINA, A.P.

Chemical and analytical properties of xanthogenates. Report
No. 4: The solubility products of zinc, nickel, iron, and
cadmium xanthogenates [with summary in English]. Zhur.anal
khim. 12 no.4:457-461 J1-Ag '57.

(MIPA 10:10)

1.Kiyevskiy gosuderstvennyy universitet. (Solubility) (Xanthic acids)

BEZRUCHENKC /.N.: VARCHENKO V.K.

Switching of transformer winding stages using a resistance. Elek. i tepl. tiaga 7 no.6:12-13 Je '63. (MIRA 16:9)

1. Glavnyy konstruktor Dnepropetrovskogo elektrovozostroitel'nogo zavoda (for Bezruchenko). 2. Nachal'nik issledovatel'skogo otdela spetsial'nogo konstruktorskogo byuro Dnepropetrovskogo elektrovozostroitel'nogo zavoda (for Varchenko).

(Electric locomotives)

Extraction, v.k., intro. velocities, v.k., intro. 118.

Stroction, v.k., intro. velocities, v.k., intro.

Principal results of stationary tests of industrial (1): and DICOM electric hocomotives. Jbon. inud. BITT no.398120-148 (MRA 18:4)

<u>24,7600</u> 15.2640 S/197/61/000/006/005/007 B104/B201

AUTHOR:

Varchenya, S.

TITLE:

Experimental study of the temperature dependence of thermo-emf and of resistivity of manganese-zinc ferrites

PERIODICAL:

Akademiya nauk Latviyskoy SSR, Izvestiya, no. 6(167), 1961,

43 - 49

TEXT: $T \approx 500^{\circ}$ K is assumed for the Curie temperature, $\Delta(d\alpha/dT)_{T=0} \approx 3 \cdot 10^{-7}$ volts/deg 2 will be obtained for ferrites on the basis of the general theory of the Thomson effect. In addition $\Delta\alpha \approx 10^{-4}$ volts/deg holds at the Curie point as a correction for ferromagnetism. Since the thermo-emf coefficient α for ferrites is equal to 10^{-2} volt/deg, a measuring accuracy of up to 1 % will be required to allow determining a deviation of the thermo-emf course from its normal course near the Curie point. After having met with difficulties at the beginning, the author constructed the system shown in Fig. 2 for fastening the specimen, constructed the system shown in Fig. 2 for fastening the specimen, following an advice by L. S. Stil'bans (Termoelektricheskoye okhlazhdeniye (Thermoelectric Cooling), 1956). In this system, heat was prevented from Card 1/7

S/197/61/000/006/005/007 B104/B201

Experimental study ...

flowing through the thermocouple. Not even this arrangement, however, allowed determining $\alpha = f(\Delta T)$ exactly for a small ΔT . For ΔT smaller than 10°C, it was not possible to determine a definite course of the curve $\alpha = f(\Delta T)$. Therefore, when measuring the relation $\alpha = f(T)$ the curve $\alpha = f(\Delta T)$ was constructed at high temperatures for each specimen concerned, and, thereupon, the temperature interval was chosen, in which the measurements were to be carried out in the linear course of $\alpha = f(\Delta T)$. eliminate the effect of layers adsorbed on the surface, the specimens were kept for one hour at a temperature of 300 - 350°C. Once these sources of error were excluded, the Curie temperature was determined with the aid of a ballistic galvanometer according to the change of induction with a rise of temperature. The chemical composition, the Curie temperature, and the resistivity of the specimens are indicated in the table attached. The temperature dependences of the thermo-emf of the specimens are graphically presented in Fig. 5. n-type conductivity was found in all Mn-Zn ferrites. Deviations from the linear dependence of the thermo-emf were established in the Curie temperature range. Similar conditions were established in determining the temperature dependence of the resistivity of specimens (Fig. 6). The relation $R = R \exp(\Delta E/kT)$ is Card 2/7

S/197/61/000/006/005/007

S/197/61/000/006/005/007

B104/B201

given for the resistance variation; several activation energies AE are given for the resistance variation; several activation energies AE are noted below and above the Curie point. Ya. C. Dorfman is thanked for noted below and above the Curie point. Ya. C. Dorfman is thanked for noted below and 1. M. Kirko for having made the investigation possible. There are 6 figures, 1 table, and 5 references: 4 Soviet-bloc and 1 non-Soviet-bloc.

ASSOCIATION: Institut fiziki AN Latv. SSR (Institute of Physics AS Latviyskaya SSR)

SUBMITTED: December 3, 1960

Card 3/7

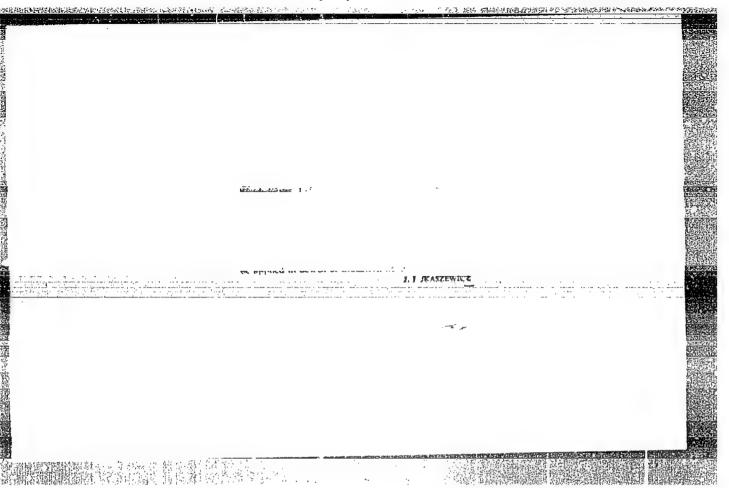
VARCHENYA, S. A.

"Problem of Skin Effect in Strong Magnetic Fields," Tr. In-ta fiziki AN LatvSSR, No 6, 1953, pp 90-92

Resistance and inductance of a ferromagnetic conductor of steel-3 of 20mm width was tested in strong magnetic fields. It was found that in a field close to maximum permeability of the material, inaccuracy in computation reaches 10%, while with rising field strength, inaccuracy drops to 2%.

RZhFiz, No 3, 1955

发展的影响。



"APPROVED FOR RELEASE: 08/09/2001

CIA-RDP86-00513R001858610008-4

VARCHENYALDA

Call Nr: AF 1141779

AUTHORS:

See Table of Contents

TITLE:

Applied Magneto-hydraulic Dynamics; (Prikladnaya magnitogidrodinamika (Trudy instituta fiziki, VIII)

PUB.DATA:

Izdatel'stvo Akademii nauk Latviyskoy SSR, Riga, 1956, 131 pp. 800 copies

ORIG. AGENCY: Akademiya nauk Latviyskoy SSR Institut Fiziki

EDITORS:

Editorial Board: Ed.-in-chief, Tyutin, I.A., Candidate of Technical Sciences, Kirko, I.M. Candidate of Physical and Mathematical Sciences, Vitol, V.G. Candidate of Physical and Mathematical Sciences, and Varchenya, S.A.;

Tech. Ed.: Bokman, R.

PURPOSE:

See Table of Contents

Card 1/5

APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001858610008-4"

Call Nr: AF 1141779

Applied Magneto-hydraulic Dynamics (Cont.)

COVERAGE: See Table of Contents

TABLE OF CONTENTS: 1. Kirko, I.M. Modeling Magneto-hydrodynamic Phenomena in Liquid Metals. 3-23

There are 11 references, of which 4 are USSR, 2 translations into Russian, and the others are English and Danish.

2. Tyutin, I. A., Yankop, E. K. Electromagnetic Pumps for Liquid Metals (Brief Review of the Literature on the Status of the Problem. 25-48

There are 45 references, of which 24 are USSR, 19 English, 1 Italian, 1 Dutch.

Card 2/5

Call Nr: AF 1141779

Applied Magneto-hydraulic Dynamics (Cont.)

Tyutin, I. A. Introduction to the Theory of Induction 3. Pumps.

There are 8 references, of which 5 are USSR, 2 American, 1 Danish.

Birzvalk, Yu.A., Tyutin, I. A. Speed Distribution and Magneto-hydraulic Pressure Losses in a Rectangular Tyutin, I. A. Speed Distribution Channel.

There are 2 references, both USSR.

Card 3/5

CIA-RDP86-00513R001858610008-4" APPROVED FOR RELEASE: 08/09/2001

Applied Magneto-hydraulic Dynamics (Cont.)

Call Nr; AF 1141779

5. Tyutin, I. A., Yankop, E. K. Electromagnetic Processes in Induction Pumps for Liquid Metals. 65-80

There are 4 references, of which 1 is USSR, 3 English.

6. Ul'manis, L.Ya. Boundary Effects in linear or Induction Pumps.

There are 5 references, of which 4 are USSR, 1 American.

7. Liyelpeter, Ya.Ya. and Tyutin, I.A. Design Methods for Induction Pumps for Liquid Metals. 95-106

There are 4 references, of which 3 are USSR, 1 American.

Card 4./5

Applied Magneto-hydraulic Dynamics (Cont.) Call Nr. AF 1141799

8. Yankop, E. K. Single-phase a.c. pumps (Faraday 107-121

No references are given

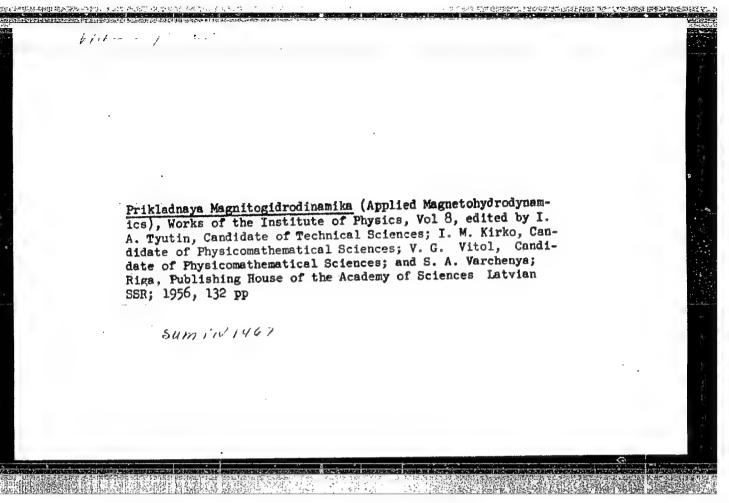
9. Krumin', Yu.K. A Conduction Ball Situated in a Traveling Magnetic Field. 123-131

There are 4 references, 3 of which are USSR, 1 French.

AVAILABLE: Library of Congress

Card 5/5

APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001858610008-4"



"APPROVED FOR RELEASE: 08/09/2001

CIA-RDP86-00513R001858610008-4

VARCHENYA, S.A.

USSR/Electricity - Semiconductors

Abs Jour

G-3

Author

: Ref Zhur - Fizika, No 1, 1958, 1373

Inst

Varchenya, S.A., Dorfman, Ya.G.

Title

: Thermal Electric Properties of Ferrites Near the Curie

Orig Pub

: Radiotekhn. i elektronika, 1957, 2, No 3, 345-347

Abstract

: The purpose of this work is to clarify the problem whether there exists an anomaly in the thermal electric properties of ferrites near the Curie temperature, similar to that observed in ferromagnetic material. The thermal emf of an annular plate of nickel-zinc ferrite with a resistance of 2.6 x 10 ohm/cm (total resistance 6000 ohms, Curie temperature 200° C) was measured by a null method, using a high-resistance potentiometer. The accuracy of the measurement reached 10- volts at temperatures below 130° C, and 2×10^{-7} volts at higher temperatures. Thanks to the

Card 1/2

Abs Jour

CIA-RDP86-00513R001

USSEMBEROYED FOR RELEASE: 08/09/2001

: Ref Zhur - Fizika, No 1, 1958, 1373

G-3

use of two independent circuits for measuring the resultant thermal emf and for determining the temperature, it was possible to measure simultaneously the two quantities. The relative error in the measurement of dE/dT amounted to 0.01%. It turned out that anomalies of the Peltier and Thomson effect, which have the same character, the same sign, and the same order of magnitude as in case of ferromagnetic metals, are observed. The results are discussed from the point of view of the electron theory of

拉腊胡子哈朗罗亚亚克 (1984年)

PORFIR'YEV, V.B. [Porfir'iev, V.B.]; GRINBERG, I.V.; PETRIKOVSKAYA, M.E.

[Petrykivs'ka, M.IE.]; VARCHEVSKIY, I.S. [Varchevs'kyi, I.S.]

Studying the origin of petroleum. Pratsi Inst. geol. kor. kop.

AN URSR 2:59-68 '60.

(Petroleum geology)

(Petroleum geology)

VARCHUK, MARTYA,

Grapes

New method. Mol. kolkh. No. 2, 1952

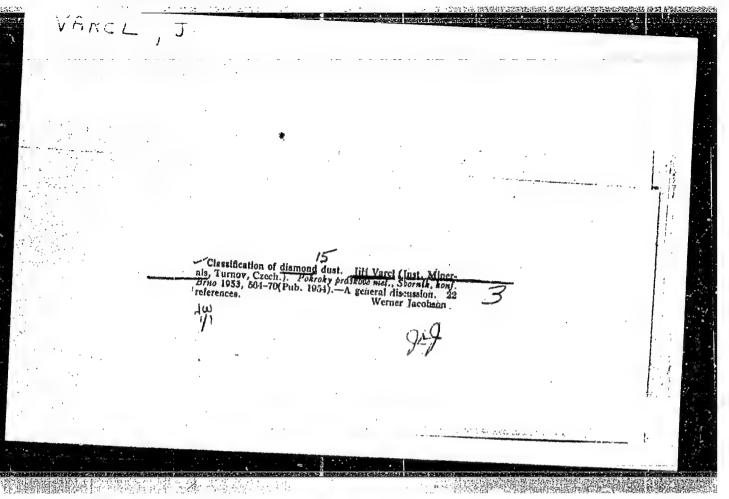
Monthly List of Russian Accessions, Library of Congress, August 1952. Unclassified.

VARCKE, C.

"An outline of the paragenetic conditions of the Gemer ore deposits." p. 107. (Cheskt Lid., Vol 10, No. 3, 1958, Prague, Czechslovakia)

GEOGRAPHY & GEOLOGY

Monthly Index of East European Accessions (EEAI) LC, Vol 7, No. 12, Dec 58



APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001858610008-4"

VARCL, Jiri

Seminar on monocrystals in Turnov. Chem prum 14 nc.2:100-101

1. Vyzkumny ustav monokrystalu, Turnov.

VARCL, Ladislav, prof., dr.

Academician Antonin Salac; obituary. Vestnik CSAV 70 no.1:122-123

VARCL, Z., CYPRIAN, K.

A flowmeter with remote-control reading. p. 148. (Nova Technika, Vol. 2, No. 5, May 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

CYPRIAN, Karel, inz.; VARCL, Zbynek

Flowmeter with remote-control reading. Hova technika 2 no.5:148-150 My 162.

1. Vyzkumny ustav organickych synthes, Pardubice-Rybitvi.

VANA, J., inz.; SEKERKA, B.; VARCL, Z.

Measuring the surface temperature of revolving cylinders. Automatizace 5 no.3:70-72, 79 Mr *62.

1. Vyzkumny ustav organickych syntez, Pardubice-Rybitvi.

5/263/62/000/024/002/002 E194/E455

Vana, J., Sekerka, B., Varcl, Z. AUTHORS:

Measurement of the surface temperature of rotating TITLE:

shafts

PERIODICAL: Referativnyy zhurnal, otdel'nyy vypusk,

Izmeritel'naya tekhnika, no.24, 1962, 30, abstract 32.24.185. (Automátizace, v.5, no.6, 1962, 169-171)

(Czech.)

The Nauchno-issledovatel'skiy institut organicheskogo sinteza ChSSR (Scientific Research Institute of Organic Synthesis of the Czechoslovak Republic) has developed a device for contactless temperature measurement of the surfaces of rotating The sensitive element is a platinum wire 0.62 mm diameter, wound on a mica former of 7 x 40 mm, 0.05 mm thick in a dustproof mount. The wire resistance at 20°C is 750 ohms. Temperature is measured by resistance change as indicated by a Wheatstone bridge, the time constant of the device being no more The operating current of 1 mA is from two cells which can supply 15 sensitive elements for six months. The sensitive elements are placed 1 mm from the shaft surface and Card 1/2

APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001858610008-4" Measurement of the surface ...

\$/263/62/000/024/002/002 E194/E455

measure temperatures in the range 20 to 150°. be registered as chart recordings from six points on the shaft Temperatures can and as meter readings from nine. If the distance of the and as meter readings from nine. If the distance of the sensitive element from the shaft surface varies by ± 0.5 mm the error of measurement is ± 5° at 114°. The practical accuracy at temperatures up to 200°C is ± 2°. The device is calibrated by comparison with a contact pick-up or by the "zero distance" method.

Abstracter's note: Complete translation.

Card 2/2

APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001858610008-4" JAVOR TIBOR; VARCO VINCE

透過機能 经制度的

Experimental studies on the development of atophan ulcer. Kiserletes orvestud. 9 no.3:289-295 July 57.

1. Szegedi Orvostudomanyi Egyetem I. sz. Belklinikaja. (PEPTIC ULCER, exper.

cinchophen induced, direct observations on develop. by intestinal cannule method in dogs (Hun))

VARCOP, L., inz., SeC.

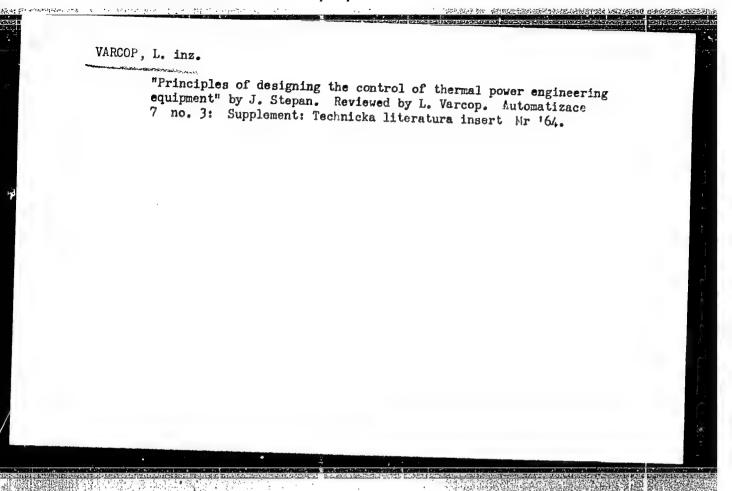
Static control properties of conventional heat exchangers. Strojirenstvi 13 no.5:351-364 My '63.

1. Vedecko-vyzkumny ustav, Zavody prumyslove automatizace, Praha.

DOLEZAL, R., prof., inz. dr.; VARCOP, L., inz.

"Regular dynamic properties of steam generators" by Schneider,
Spliethoff. Reviewed by R. Delezal, L. Varcop. Strojirenstvi
13 no.7:558-559 Jl *63.

建建建筑建筑。2018年12月20日 - 第118日 - 第18日 -



H-17

RUMANIA / Chemical Technology, Chemical Products and Their

Application. .. Pharmaceuticals. Vitamins. Antibiotics.

: Ref Zhur - Khimiya, No 5, 1959, No. 16534 Abs Jour

: Puscaru, E.; Coniver, L.; Varcovici, H. Author

Inst : Not given

Title : New Issues of Pharmacopoeia

: Farmacia (Romin), 1957, 5, No 1, 76-84 Orig Pub

: Peculiarities of the Japanese pharmacopoeia (VI issue, Abstract

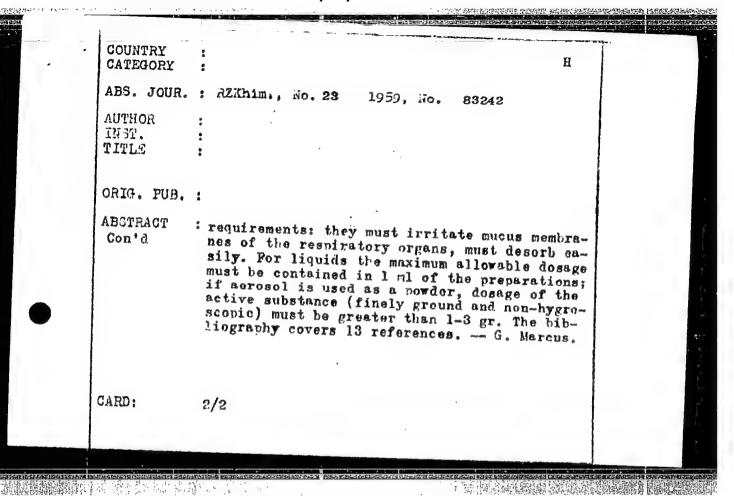
1951), addition to the Soviet pharmacopoeia (1952 issue), the British (VIII issue, 1953), the Czechoslovakian (II issue, 1954), the Hungarian (V issue, 1954), the Romanian pharmacopoeia (VII issue, 1956), and also the USA (XV

18aue, 1955) are analyzed. -- E. Natkhan

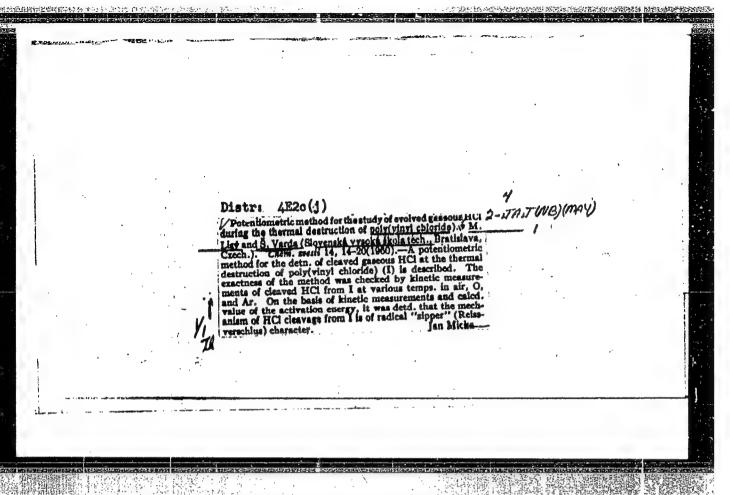
Card 1/1

APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001858610008-4"

li : RUMANIA COU TRY CATEGORI : Chemical Technology. Chemical Products and Their Applications. Phmaceuticals. Vitamins.* REKhim., No. 23 1959, No. 83242 ABS. JOUR. : REKhim., No. 23 ROHTUA : Varcovici, H. INST. TITLE : Aerosols Containing Medicinal Preparations ORIG. PUB. : Fermacia (Bomin.), 1958, 6, No 4, 295-303 : Reviewed is the technique of introducing ABSTRACT medicinal preparations (MP) in the form of aerosols, the proposed apparata for this purpose and properties of individual MP groups from the standnoint of a nossibility of their application as acrosols (adrenalin, alkaloids, sulfamides, antibiotics and other groups). Presented is the formulation of individual aerosols, their commosition, test methods and storage conditions. MP, employed in the form of acrosols, must satisfy the following * Antibiotics. CARD: 1/2 H - 59



APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001858610008-4"



VARDAT, J., HARAUCHY, I.

Cell formation in the yolk globules of the ovaries of the Anadonta., p. 139, (ACTA BIGLOGICA, Budapest, Jungary). Vol. 5, No. 1/2, 1954.

SO: Fonthly List of East European Accessions, (EEA1) IG, 761. 4, No. 5, May 1955, Uncl.

VARDANIAN, A. G.

Tatevossian, G. T., and <u>Vardanian, A. G.</u>— The Synthesis of Polycyclic Hydroarczatic Ketones. I. 3-Keto-1, 2, 3, 9, 10, 11-hexahydrophenanthrene* (p. 1532)

SO: Journal of General Chemistry, (Zhurnal Obshchei Khimii), 1947, Vol. 17, No. 8

Effect of the length of the day on the growth and development of peach and feijoa. Agrobiologiia no.6:846-851 N-D '60. (MIRA 13:12)
1. Sukhumskaya opytnaya stantsiya Vsesoyuznogo nauchno-issledo- vatel'skogo instituta rasteniyevodstva. (Peach) (Feijoa) (Plants, Effect of light on)
•

VARDANIYA, K.Kh.; VARDANIYA, L.Ya.

Intensified stem and leaf growth in the bay laurel and cinnamon in response to photoperiod and gibberellin. Bot. zimr. 45 no.12: 1802-1810 D 60. (MIRA 13:12)

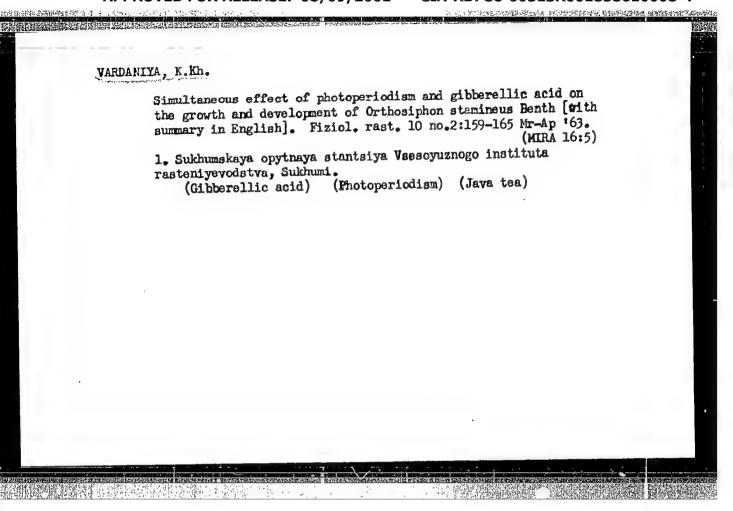
1. Sukhumskaya opytnaya stantsiya Vsesoyuznogo instituta rasteniyevodstva.
(Gibberellins) (Photoperiodism) (Laurel)

(Cinnamon)

"APPROVED FOR RELEASE: 08/09/2001

CIA-RDP86-00513R001858610008-4

VARDA	VARDANIYA, K.Kh., kand.biologicheskikh nauk Effect of the length of day on the growth and development of Java tea. Agrobiologiia no.4:628-629 Jl-Ag '62. (MIRA 15:9)				
	 Sukhumskaya opytnaya stantsiya Vsesoyuznogo nauchno-issledo- vatel'skogo instituta rasteniyevodstva. (SUKHUMI REGION-JAVÁ TEA) (PHOTOPERIODISM) 				
		(SUKHUMI REGION—SAVA IEA) (INDIOLEMENT	,,,,,		
		€ 31 · · · · · · · · · · · · · · · · · ·			
	,				
	·		•		
	•				



VARDANIYA, K.Kh.

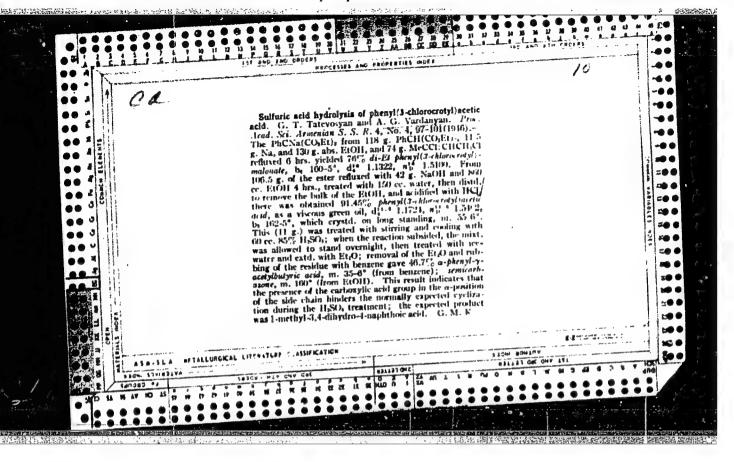
Effect of various photoperiods on the development of sweet potatoes (Ipomoea batatas Lam.). Bot. zhur. 50 no.3:405-409 Mr '65. (MIRA 18:5)

LT CONTROLSTED DESCRIPTION OF THE PROPERTY OF

1. Sukhumskaya opytmaya stantsiya Vsesoyuznogo instituta rasteniyevodstva, Abkhazskaya ASSR, pochtovoye otdeleniya Gul'ripshi.

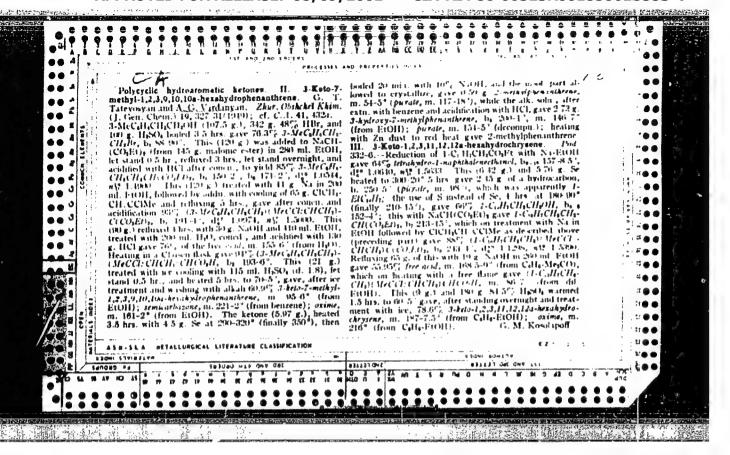
"APPROVED FOR RELEASE: 08/09/2001

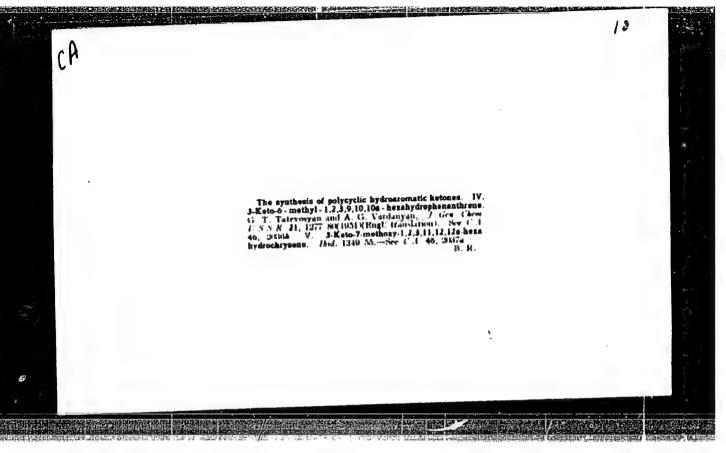
CIA-RDP86-00513R001858610008-4

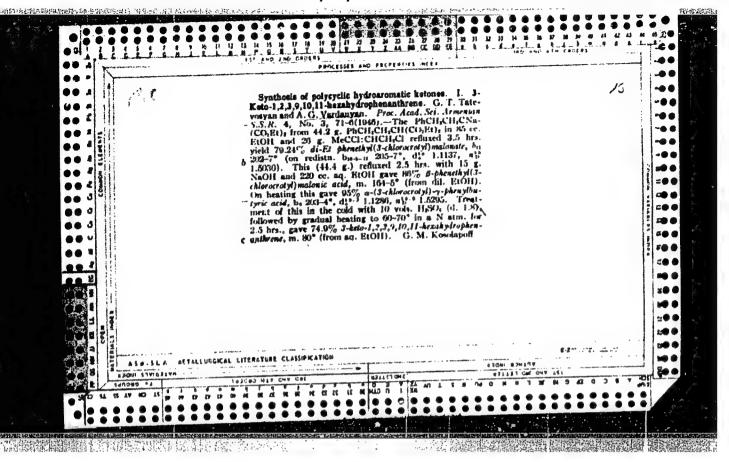


"APPROVED FOR RELEASE: 08/09/2001

CIA-RDP86-00513R001858610008-4







VARDANYAH, A. C.

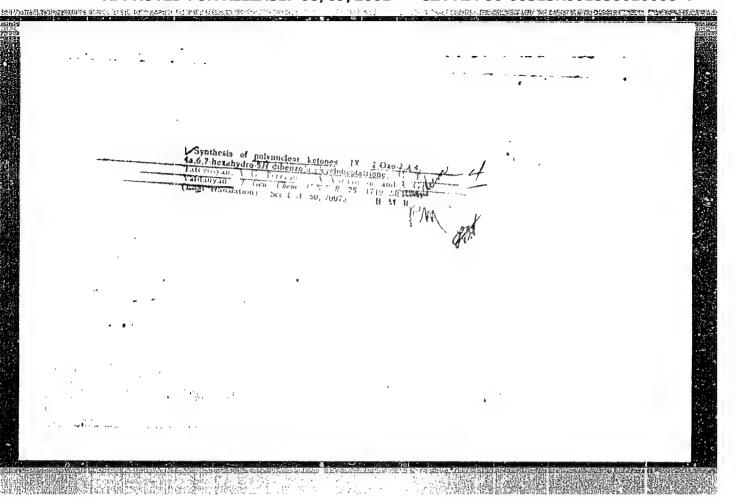
"Synthesis of polycyclic hydroarometic ketones. IV. 3-Keto-6-methyl-1,2,3,9,10,11,-hexahydrophenanthrene." G. T. Tatevosyan and A. G. Vardanyan. (p. 1170)

SO: Journal of General Chemistry (Zhurnal Obshchei Khimii) 1951, Vol 21, No 6.

TATEVOSYAN, G.T.; ZAGORETS, P.A.; VARDANYAN, A.G.

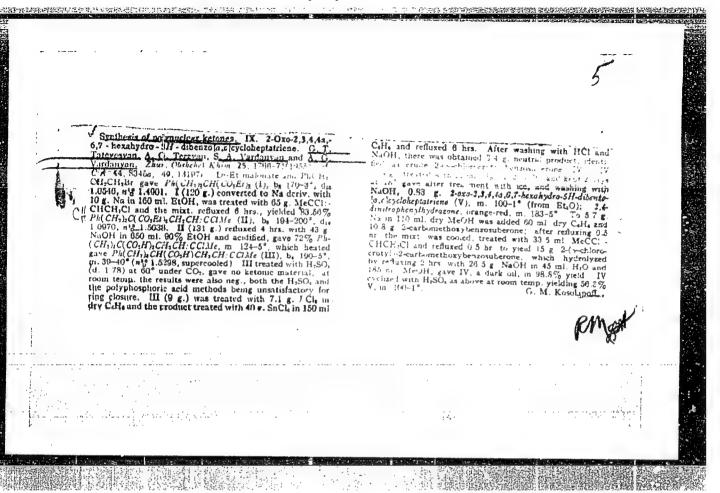
Synthesis of polycyclic hydroaromatic ketones. Part 7. 6- and 7-methoxy3-keto-1,2,3,9,1d,10a-hexahydrophenanthrenes. Zhur.ob.khim. 2) no.6:941949 Je '53. (MLRA 6:6)

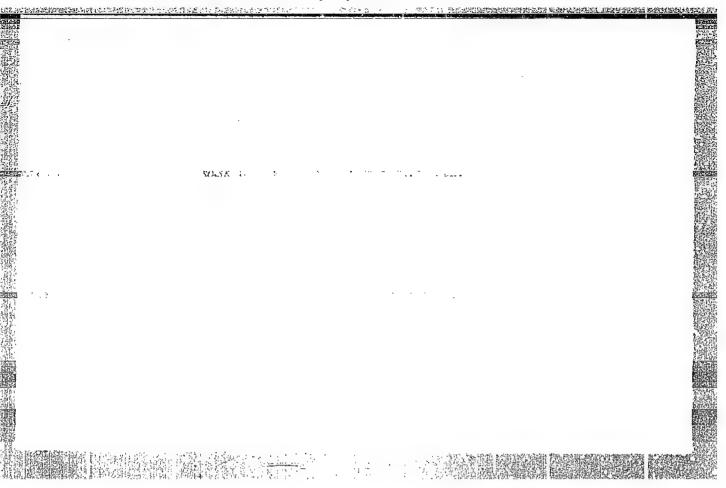
1. Khimicheskiy institut Akademii nauk Armyanskoy SSR. (Ketones)



"APPROVED FOR RELEASE: 08/09/2001

CIA-RDP86-00513R001858610008-4

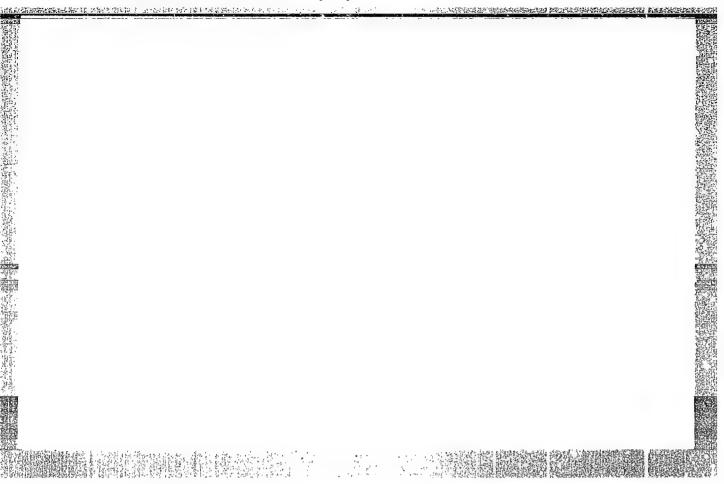




VARDUTAN, A. 3.

"Synthesis of polycyclic hydroaromatic ketones: III. 3-keto-1, 2, 3, 11, 12, 12a-hexahydrochrysene". Tamevosian, G. T. ani <u>Vardanian, A. G.</u> (p. 332)

S0: <u>Journal of General Chemistry</u>, (Zhurnal Obshchei Khimii), 1949, Vol 19, No 2.



VARdANYAN, A.G.

USSR/Chemistry - Hydroaromatic ketones

Card 1/1

Pub. 151 - 26/37

Authors

: Tatevosyan, G. T., and Vardanyan, A. G.

Title

: Synthesis of polynuclear hydroaromatic betones. Part 8.- 8-methyl- and 8-methoxy-3-keto-1,2,3,9,10,10a-hexahydrophenanthrenes

Periodical : Zhur. ob. khim. 24/10, 1845-1851, Oct 1954

Abstract

I The effect of methyl and methoxyl groups oriented in ortho-position of the aromatic nucleus on the reaction of sulfuric acid hydrolysis and double cyclimation of alpha-(3-chlorocrotyl)-gamma-phenyl butyric acids was investigated. The investigated conversion process was found to be not much affected by the methyl group and the yield of the conversion product is of the same order as the non-substituted ketone and its other methyl homologues. The presence of the methoxyl group in meta-position was found to be a deterrent in the conversion process. Six references: 3-USSR; 2-German and 1-USA (1923-1953).

Institution: Academy of Sciences Arm-SSR, Chemical Institute

Submitted : May 18, 1954

> APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001858610008-4"

TATEVOSYAN, G.T.; TERZYAN, A.G.; VARDANYAN, S.A.; VARDANYAN, A.G.

Synthesis of polymuclear ketones. Part 9. 2-keto-2,3,4,4a,6,7-hexahydro-5 -dibenzo[a,c]cyclokeptatriene. Zhur.ob.khim. 25 no.9:1766-1771 S '55. (MIRA 9:2)

1.Khimicheskiy institut Akademii nauk Armyanskoy SSR. (Dibenzocycloheptatriene)

VARBANYAH, A. d.

亚高级编制的 经共享证券 医多种性

"Ketone Synthesis of the Phenanthrene Series With the Aid of Salfuric Acid Hydrolysis and Double Cyclization of Alpha - (3-clorocrotyl)-garra-phenylbutyric Acids." Cand Chem Sci, Chemistry Inst, Acad Sci Armenian SCR, Yerevan, 1954. (EZhKhim, No 5, Mar 55)

So: Sum. No 670, 29 Sept 55 - Surve, of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (15)

"APPROVED FOR RELEASE: 08/09/2001

I and and a place to the fire

CIA-RDP86-00513R001858610008-4

YESAYAN, G.T.: VARDANYAN, A.G.

Synthesis of new analogues of pseudoallicin. Dokl. AN Arm. SSR 23
no.4:169-173 '56. (HIRA 10:1)

1. Khimicheskiy institut Akademii nauk Armyanskey SSR. Predstavlene V. Isagulyantsem. (Allicin)

The property of the property o

The reaction of y -chlorocrotylsulfochloride with certain amines substituted in the nucleus. Isv. 23 Arm. SSR. Ser. khim. mauk 10 no.1:71-74 '57.

1. Khimicheskiy institut Akademii nauk Armyanskoy SSR. (Chemical reaction—Mechanism)

(Chlorides) (Amines)

YESAYAN, G.T.: VARDANYAN, A.G.

ji ti mazitin iyidi, i

Sulfonic acid esters. Report No.2: Synthesis of 4 - methyl -7- cumaryl sulfonic acid esters. Izv. AN Arm. SSR. Ser. khim. nauk v.10 no.5: 353-356 '57. (MIRA 11:1)

1. Khimicheskiy institut AN ArmSSR.
(Sulfonic acids)

YESAYAN, Q.T.; VARDANYAN, A.G.

Sulfonic acid esters. Report No.3: Cleaving sulfonic acid esters by thiocyanat. Izv.AN Arm.SSR. Khim.nauki 11 no.2:119-125
158. (MIRA 11:11)

1. Institut organicheskoy khimii AN ArmSSR. (Sulfonic acids) (Thiocyanates)

16063 5/079/62/032/004/004/010 D204/D301

15. (130 AUTHORS:

Vardanyan, S.A., Vardanyan, A.G., and Khrlakyan, S.P.

TITLE:

Synthesis of 2,5-diaryl furans and their scintillating

properties

Zhurnal obshchey khimii, v. 32, no. 4, 1962, 1195-1196 PERIODICAL:

TEXT: The so far unknown 2,5-di-p-xylyl-, 2,5-di-o-xylyl- and 2,5-di(p-phenoxyphenyl)- furans (A, B and C) were prepared by modification of the method of Lutz et al., to investigate the effect of structure on their scintillation properties. Compounds A, B, C were respectively obtained from 1,4-di-p-xylyl-, 1,4-di-o-xylyl- and 1,4 -di(p-phenoxyphenyl)-1,4-diketobutene-2, whose preparation is described for the first time, by boiling the diketones in glacial acetic acid in the presence of SnCl₂.2H₂O and conc. HCl for 5 hours.

The reaction mixtures were then cooled and the crystalline products were filtered, washed with water and recrystallized. M.p's and yields of the starting diketones and the corresponding 2,5-diaryl furans are tabulated. The scintillating properties proved to be clo-

Card 1/2

APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001858610008-4" Synthesis of 2,5-diaryl furans ...

\$/079/62/032/004/004/010 D204/D301

se to those of p-terphenyl. There are 1 table and 2 references: 1 Soviet-bloc and 1 non-Soviet-bloc. The reference to the English-language publication reads as follows: R.E. Lutz and R.J. Rowlett, J. Am. Chem. Soc., 70, 1359, 1948.

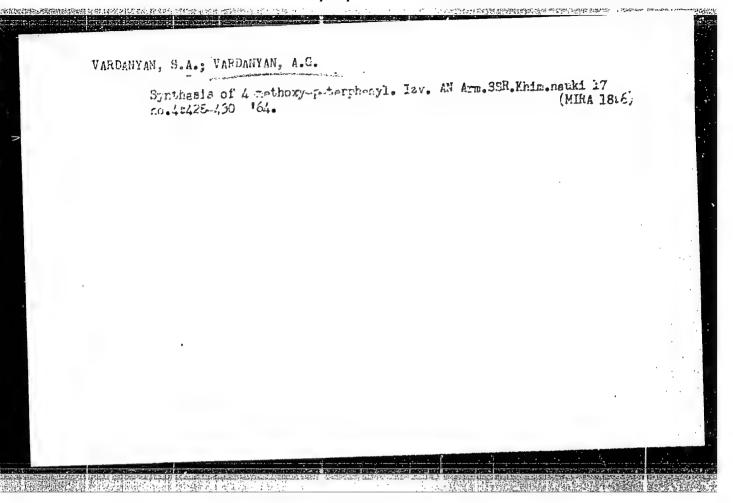
ASSOCIATION: Fizicheskiy institut Akademii nauk Armyanskoy SSR, (Physics Institute of the Academy of Sciences of the Armenian SSR)

SUBMITTED:

May 8, 1961

Card 2/2

APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001858610008-4"



VARDANYAN, A.S.

Some data on the permability of capillaries in patients with chronic tonsillitis. Zhur. eksp. i klin. med. 3 no.6253-57
'63 (MIRA 17:4)

1. Kafedra bolezney ukha, gorla i nosa Yerevanskogo meditsinskogo instituta.

VAKDANYA M. B.V.

86-11-18/31

AUTHORS:

Nadtoka, V.A., Engr Maj, Vardanyan, B.V., Engr Maj

TITLE:

Icing of Jet Engines and How to Prevent it (Obledeneniye reaktivnykh

dvigateley i bor'ba s nim)

PERIODICAL:

Vestnik Vozdushnogo Flota, 1957, Nr 11, pp. 65-67 (USSR)

ABSTRACT:

This is a discussion apparently reflecting current Soviet fighter aircraft practice. The aircraft engine elements which may be affected by icing are given, and the possible resulting impairment or damages are mentioned. The most pronounced icing occurs at minus temperatures ranging from 8 to 12°C; it diminishes with increasing flying speeds. The electric de-icing system heats the grills of the engine air inlets, and a few other elements of the engine; the system does so for not more than 13 minutes, at the indicated speed not exceeding 500 km/hr. The other elements are prevented from icing at any flying speed and irrespective of the length of time of cloud flying. An aircraft flying at not more than 500 km/hr must not remain under icing conditions for more than a short period; it may remain considerably longer when flying at 600 km/hr or faster. At speeds exceeding 600 km/hr, and at more than 5,000 m altitudes, it may fly in clouds practically any length of time without developing icing. In order to avoid icing hazards at lower altitudes, the flying speeds must be increased. At ground level the flying speed must be 700-750 km/hr.

Card 1/3

86-11-18/31

Icing of Jet Engines and How to Prevent it (cont)

The maximum period (13-minutes), during which the aircraft may fly safely under icing conditions, is enough to pierce the overcast when the icing begins at the 8,000 m altitude and the landing approach is made at the indicated speeds of 450-500 km/hr. The effectiveness of the engine de-icing system increases when the water content is maximal and temperature of the outside air is between minus 12°C and minus 8°C, and when the water content is lower at any outside temperature. In order to ensure that the engine de-icing system prevents icing, the weather forecast is consulted before taking off and, if it indicates the possibility of icing, the engine de-icing system is turned on immediately before takeoff, and turned off after leaving the icing area or landing. The engine de-icing system requires very careful inspection and careful maintenance. When there is a possibility of icing, the aircraft should be flown preferably at the indicated speed exceeding 600 km/hr, and the speed should be increased (by descending to lower altitudes or increasing the revolutions) upon the temperature rise of the gases behind the turbine, indicative of a considerable icing of the air intake grills taking place. If this temperature rises up to 520°C at 10,400 rpm or less, or up to 550°C at minimum rpm, or up to 610°C at maximum rpm, which temperatures are the maximum ones permitted at these rpms, then it is

Card 2/3

"APPROVED FOR RELEASE: 08/09/2001 CIA-RD

CIA-RDP86-00513R001858610008-4

86-11-18/31

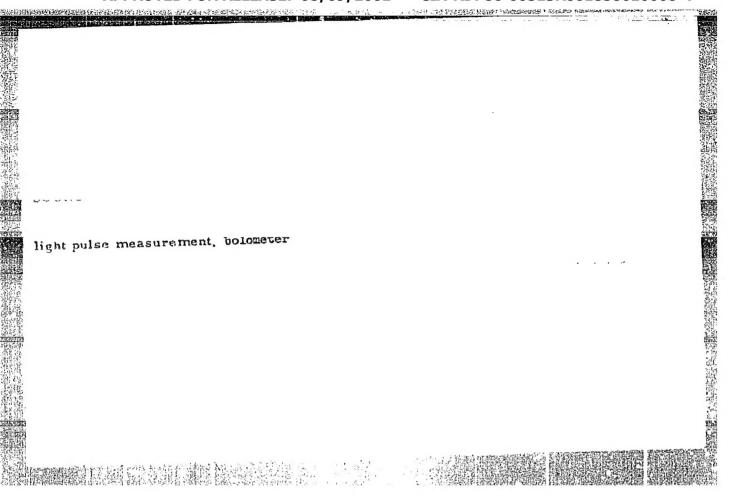
Icing of Jet Engines and How to Prevent it (cont)

recommended that the icing area should be left. If, after flying in the icing-subjected area, a temperature rise behind the turbine was noticed, then the compressor blades are specially examined during the post-flight inspection. Four photographic illustrations.

AVAILABLE:

Library of Congress

Card 3/3



APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001858610008-4"